WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.	•
PCT/IIS04/01721	

Box N	lo. I Basis of this opinion				
1. With	regard to the language, this opinion has been established on the basis of:				
	the international application in the language in which it was filed				
	a translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).				
2. With claim	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the sed invention, this opinion has been established on the basis of:				
a.	type of material				
	a sequence listing				
	table(s) related to the sequence listing				
b.	format of material				
	on paper				
	in electronic form				
c.	time of filing/furnishing				
	contained in the international application as filed.				
	filed together with the international application in electronic form.				
	furnished subsequently to this Authority for the purposes of search.				
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				
4. Additi	ional comments:				
	·				
	\cdot				

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US04/01721

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
1. Statement						
Novelty (N)	Claims	1-22	YES			
		NONE	NO			
·						
Inventive step (IS)	Claims	1-22	YES			
	Claims	NONE	NO			
Industrial applicability (IA)	Claima	1.00	VEC			
Industrial applicability (IA)	Claims	NONE .	YES NO			
	Cianiis	NONE				
2. Citations and explanations:						
Claims 1-22 meet the criteria set out in PCT Article finfets with a vertical gate on an insulating substrate.	33(2)-(3), beca	ause the prior art does not teach	or fairly suggest vertical channel			
Claims 1-22 meet the criteria set out in PCT Article can be made or used in industry.	33(4), and thu	s have industrial applicability be	ecause the subject matter claimed			
·						
		•				
		•				
		•				
		·				
			•			

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHO	RITY	1		REC'D 0 8 DEC 200	5
To: DANIEL H. SCHNURMANN INTERNATIONAL BUSINESS MACHINES CORPORATION HUDSON VALLEY RESEARCH PARK 2070 ROUTE 52		PCVIPO PCT WRITTEN OPINION OF THE			PCT
HOPEWELL JUNCTION, NEW YORK	12533-6531			CHING AUTHORIT	Y
			(PCT Rule		
		Date of mailing (day/month/year)		EC 2005	
Applicant's or agent's file reference FIS920030347		FOR FURTHER ACTION See paragraph 2 below			
International application No.	nternational filing date	(day/month/year)	Priority date (d	lay/month/year)	
PCT/US04/01721 2:	2 January 2004 (22.01.	2004)			
International Patent Classification (IPC) or	both national classification	tion and IPC			
IPC(7): H01L 29/786, 21/336, 21/8238 and	i US Cl.: 257/66, 329,	338, 351; 438/199,	268		
Applicant INTERNATIONAL BUSINESS MACHINE	ES CORPORATION		· .		
1. This opinion contains indications relating	ng to the following item	is:			
Box No. I Basis of the op	inion				
Box No. II Priority	•		•		
Box No. III Non-establishm	nent of opinion with res	ard to novelty inve	ntive sten and inc	histrial applicability	
	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Lack of unity of invention				
Box No. V Reasoned stater applicability; ci	Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
Box No. VI Certain docume					
Box No. VII Certain defects	in the international app	lication			
Box No. VIII Certain observa	itions on the internation	al application			
2. FURTHER ACTION					
If a demand for international preliminar International Preliminary Examining A Authority other than this one to be the I that written opinions of this International	uthority ("IPEA") exc PEA and the chosen IF	ept that this does EA has notified the	not apply where	the applicant chooses ar	n
If this opinion is, as provided above, co IPEA a written reply together, where a mailing of Form PCT/ISA/220 or before For further options, see Form PCT/ISA/	appropriate, with ame the expiration of 22 m	ndments, before the	e expiration of 3	months from the date of	e f
3. For further details, see notes to Form PC			٠		
Name and mailing address of the ISA/ US	Date of completi	on of this	Authorized office		_
Mail Stop PCT, Attn: ISA/US	Date of completion	OII OI UIIS		' D O O	
Commissioner for Patents P.O. Box 1450	05 (21.11.2005)	Edgardo Ortiz	neur robbins		
Alexandria, Virginia 22313-1450		Telephone No. (571) 272-1630	- 1	

Facsimile No. (571) 273-3201
Form PCT/ISA/237 (cover sheet) (April 2005)